



# Agriculture Across Ohio

## Biotechnology Varieties

The planting of all biotech varieties of corn in Ohio increased from last year. Biotechnology varieties accounted for 86 percent of the corn acres planted in Ohio, up from 85 percent in 2015. Soybean plantings included 91 percent biotechnology varieties, unchanged from last year.

Nationally, biotechnology varieties of corn totaled 92 percent of the acres planted, unchanged from 2015. Soybean acreage planted to biotech varieties was also unchanged at 94 percent.

The data are based on responses from the June Agricultural Survey. Farmers were asked if they planted corn or soybeans that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties are excluded. Insect resistant varieties include only those containing *bacillus thuringiensis* (Bt). The Bt varieties include those that contain more than one gene that can resist different types of insects. Stacked gene varieties include only those containing biotech traits for both herbicide and insect resistance.

## June 1 Grain Stocks

On June 1, 2016, Ohio corn stocks totaled 176.5 million bushels, 9 percent below a year earlier. About 41 percent of the corn was stored on farms. The third quarter disappearance was 133.5 million bushels, compared with 149.2 million bushels a year earlier. Soybean stocks on June 1, 2016, were 52.5 million bushels. That was 13 percent higher than stocks a year earlier. The third quarter indicated disappearance was 44.6 million bushels, compared with 56.4 million bushels during the same period a year ago. Farm stocks of soybeans were 14.0 million bushels. Wheat stocks on June 1, 2016, were 36.4 million bushels, 25 percent above a year ago. Approximately 99 percent of wheat stocks were in commercial storage. Fourth quarter indicated disappearance was 6.4 million bushels, compared with 9.9 million bushels during the same period last year.

## May Agricultural Prices

Prices received by Ohio farmers for the full month of May 2016 are listed in the table below. Some Ohio highlights were: May corn, at \$4.02 per bushel, increased \$0.11 from April and increased \$0.31 from last year; May soybeans, at \$9.99 per bushel, increased \$0.48 from last month and

increased \$0.28 from last year; May wheat, at \$3.78 per bushel, decreased \$0.21 from April and decreased \$1.12 from last year; May milk at \$15.60 per cwt., decreased \$0.40 from last month, and decreased \$1.60 from last year.

### Prices Received by Farmers<sup>1</sup>, May 2016

Commodity	Ohio			United States		
	May 2015	Apr 2016	May 2016	May 2015	Apr 2016	May 2016
Corn ..... dollars/bu	3.71	3.91	4.02	3.64	3.58	3.68
Hay, alfalfa ..... dollars/ton	175.00	185.00	190.00	192.00	153.00	147.00
Hay, other ..... dollars/ton	115.00	115.00	100.00	134.00	130.00	122.00
Soybeans ..... dollars/bu	9.71	9.51	9.99	9.58	9.04	9.76
Wheat, winter ..... dollars/bu	4.90	3.99	3.78	5.19	4.31	4.28
Milk, all ..... dollars/cwt	17.20	16.00	15.60	16.80	15.00	14.50

<sup>1</sup> Entire month weighted average price.

## Chickens and Eggs

All layers in Ohio totaled 32.0 million during May, down 3 percent from a year ago. Egg production totaled 766 million eggs, down 3 percent from last year. The rate of lay during May was 2,393 eggs per 100 layers. On June 1, in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there were 10.8

million egg-type eggs in incubators, up 12 percent from a year earlier. In the same region, there were 15.1 million broiler-type eggs in incubators, up 3 percent from the previous year. There were 23.5 million turkey poult hatchlings in the U.S. in May, up 6 percent from the previous year.

### Egg and Hatchery Production, May 2016

Item	Unit	2015	2016	Percent Change
<b>Ohio</b>				
All layers	Thou	32,880	32,015	-3
Eggs per hundred layers	Num	2,400	2,393	0
Eggs produced	Mil	789	766	-3
<b>East North Central Region</b>				
Eggs in incubators, Jun 1				
Egg-type	Thou	9,586	10,752	12
Broiler type	Thou	14,637	15,113	3
<b>U.S.</b>				
All Layers	Thou	345,342	360,609	4
Eggs per hundred layers	Num	2,341	2,362	1
Eggs produced	Mil	8,083	8,516	5
Turkey Eggs in incubators, Jun 1	Thou	27,252	29,949	10
Turkey Poults hatched, May	Thou	22,164	23,451	6

## Acreage Summary

Ohio field crop planting was initially behind schedule due to cool temperatures and higher than normal amounts of precipitation. These cool temperatures and heavier precipitation continued through the end of May. In early to mid-June, however, conditions transitioned into drier and slightly warmer weather, allowing farmers to catch up in their planting of field crops to the five-year average. While planted area for corn in Ohio did not change from the previous year, producers did plant more winter wheat than in 2015. Farmers planted a record high level of soybean

acres surpassing the previous record high in 2015. Highlights of the 2016 June Acreage report follow:

Ohio soybean growers planted a record 4.80 million acres. Harvested acres of soybeans are anticipated to be 4.79 million acres, which, if realized, would also be a record high.

Ohio corn growers planted 3.6 million acres, unchanged from 2015.

Ohio winter wheat growers planted 590,000 acres of wheat, 70,000 acres more than last year.

### Acres Planted and Harvested by Crop, Ohio and United States: 2014 - 2016

Commodity	Ohio			United States		
	2014	2015	2016	2014	2015	2016
Corn, all						
Planted..... 1,000 acres	3,700	3,550	3,550	90,597	87,999	94,148
Corn, grain						
Harvested..... 1,000 acres	3,470	3,260	3,290	83,136	80,749	86,550
Hay, alfalfa						
Harvested..... 1,000 acres	310	330	390	18,395	17,778	18,065
Hay, other						
Harvested..... 1,000 acres	650	750	740	38,667	36,659	38,062
Oats						
Planted..... 1,000 acres	50	70	75	2,753	3,088	3,027
Harvested..... 1,000 acres	35	40	55	1,035	1,276	1,165
Soybeans						
Planted..... 1,000 acres	4,700	4,750	4,800	83,276	82,650	83,688
Harvested..... 1,000 acres	4,690	4,740	4,790	82,591	81,814	83,037
Wheat, winter						
Planted..... 1,000 acres	620	520	590	42,409	39,461	36,538
Harvested..... 1,000 acres	545	480	550	32,299	32,257	30,176

## July 1 Small Grains Forecast

Ohio's 2016 winter wheat production is forecast at 41.8 million bushels. This report is based on current conditions as of July 1, 2016. The Ohio winter wheat yield is forecast at 76 bushels per acre, which would be a 9 bushel increase from last year and a new State record yield. Dry conditions throughout June allowed crop quality to improve and for harvesting to progress at a fast pace. As of July 3, crop condition was rated at 84 percent good to excellent, and harvest was 56 percent complete, compared with 10 percent harvested at the same time last year.

Oat yield in Ohio is forecast at 65 bushels per acre, 2 bushels higher than the previous year. Oat planting finished on schedule at the end of May. By July 3, 92 percent of the oats were headed, ahead of both last year and the 5 year average, and 76 percent of the crop was rated in good to excellent condition.

## June Hogs and Pigs

Ohio's total hog and pig inventory on June 1 was estimated at 2.50 million head, up 120,000 head from a year ago. Breeding hog inventory, at 180,000 head, was down 2.7 percent from last June. Market hog inventory, at 2,320,000 head, was up 5.7 percent from last year. The average pigs saved per litter for the March to May quarter at 10.50 was down 0.1 pigs from last year.

United States inventory of all hogs and pigs on June 1, 2016 was 68.4 million head. This was up 2 percent from June 1, 2015, and up 1 percent from March 1, 2016. This is the highest June 1 inventory of all hogs and pigs since estimates began in 1964. Breeding inventory, at 5.98 million head, was up 1 percent from last year, but down slightly from the previous quarter. Market hog inventory, at 62.4 million head, was up 2 percent from last year, and up 1 percent from last quarter.

### Hog inventory and farrowings: Ohio and United States, June 1, 2016

Hogs and pigs	Ohio			U.S.		
	2015	2016	Change	2015	2016	Change
	(1,000 head)	(1,000 head)	(Percent)	(1,000 head)	(1,000 head)	(Percent)
Breeding	185	180	-3	5,926	5,979	1
Market	2,195	2,320	6	61,240	62,402	2
Under 50 pounds	630	680	8	19,365	19,846	2
50-119 pounds	660	670	2	17,461	17,848	2
120-179 pounds	535	570	7	12,985	13,141	1
180+ pounds	370	400	8	11,429	11,566	1
Total	2,380	2,500	5	67,165	68,381	2
Sows farrowed, Mar-May	89	86	-3	2,854	2,896	1
Pigs/litter, Mar-May	10.60	10.50	-1	10.37	10.48	1
Pig crop, Mar-May	943	903	-4	29,593	30,347	3
Sows farrowing, Jun-Aug <sup>1</sup>	92	86	-7	3,017	2,949	-2
Sows farrowing, Sep-Nov <sup>1</sup>	91	85	-7	2,929	2,896	-1

<sup>1</sup> Current Year Represents Intended Farrowings.

## May Milk Production

Dairy herds in Ohio produced 487 million pounds of milk during May, up 0.4 percent from a year ago. The daily rate per cow was 59.0 pounds, up 0.5 pounds from May 2015. The dairy herd was estimated at 266,000 head for May, down 1,000 head from a year earlier. The average price of milk sold in May by Ohio dairy producers was \$15.60 per cwt., \$1.60 less than the price in May 2015.

### Ohio Dairy Summary, May 2016

Item		2014	2015	2016
Cows	1,000 Hd	266	267	266
Milk per cow	Lb/day	58.1	58.5	59.0
Production	Mil lbs	479	485	487
Milk price, all	Dol/cwt	24.80	17.20	15.60
Fat test	Pct	3.68	3.66	3.71
Protein <sup>1</sup>	Pct	3.06	3.03	3.07

<sup>1</sup> FMO 33

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## Thank You to our Data Providers

The USDA, NASS, Great Lakes Region, Ohio Field Office and enumerator staff are pleased to provide you and the Ohio agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!